

72155-36

4/10/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Charles W. Boyd  
Product Registrations  
Bayer Cropscience  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

APR 10 2008

SUBJECT: Application for Pesticide Notification (PRN 98-10)  
Request Alternate Brand Name "Bayer Advanced Season Long Grub Control Plus  
Turf Revitalizer Ready-To-Spread Granules" and Marketing Claims  
EPA Reg. No. 72155-36  
Application Dated March 5, 2007

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 03/05/2007 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs





[FRONT PANEL]

# Bayer Advanced Season Long Grub Control Plus Turf Revitalizer Ready-To-Spread Granules

## READY TO USE

Kills White Grubs, Mole Crickets, and European Crane Fly larvae

For Use On: Lawns, Ground Covers, Flower Beds, and around Trees & Shrubs

- Just One Application Kills Grubs, Mole Crickets, and European Crane Fly larvae All Season Long
- Apply Once, Anytime...Spring Through Late Summer

## CONTAINS ROOT BOOSTER™

- X-X-X Feeds Root Systems
- Promotes Vigorous Root Growth

(ART: treated lawn, untreated lawn)

- Convenient, Two-in-One Formula
- Feeds Roots (the lawn) and (Plus) Protects Against Grubs
- Season-Long Grub Control
- Kills White Grubs Before They Damage Your Lawn
- Kills White Grubs Early, Before They Damage Your Lawn
- Promotes Strong Roots
- Helps Strengthen Root Systems by Promoting Growth
- Helps Lawn Recover
- Helps Strengthen Root Systems
- Rejuvenates the Lawn
- Patented Formula Helps Lawn Recover
- Unique Patented Formula
- Contains Merit®
- Suppresses chinch bugs and cutworms
- Also Kills Mole Crickets, Billbugs, Annual Bluegrass Weevils, and European Crane Fly larvae
- 100% satisfaction guaranteed
- Kills grubs all season-long plus revitalizes (turf) the lawn
- Defends against grubs plus helps turf recover
- One application of this product kills grubs all season-long and revitalizes your lawn. This patented 2-in-1 formula creates a protective zone in the soil to kill grubs before they can cause damage plus promotes new growth in stressed lawns. Keeping your lawn beautiful and free of damaging grubs has never been easier.

## ACTIVE INGREDIENT:

Imidacloprid,\* ..... 0.25%

OTHER INGREDIENTS: ..... 99.75%

EPA Reg. No. 72155-36

Net Contents: \_\_\_\_\_ Pounds

**STOP - Read the label before use**  
**Keep out of reach of children**  
**FOR OUTDOOR RESIDENTIAL USE**

## CAUTION

See back panel for Ingredients and Additional Precautionary Statements

Not for sale, sale into, distribution and or use in Nassau, Suffolk, Kings, and Queens counties of New York.





**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

- Harmful if swallowed or absorbed through skin.
- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.

**FIRST AID**

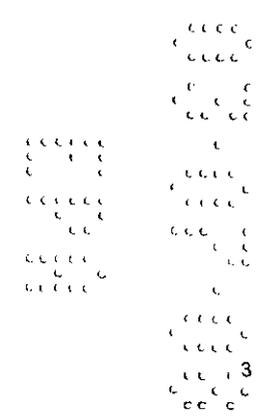
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

**NOTE:** When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call TollFree 1-877-229-3763 for medical emergency information. Active Ingredient: Imidacloprid [\*CAS # 138261-41-3].

**To Physician:** No specific antidote is available. Treat the patient symptomatically.

**ENVIRONMENTAL HAZARDS**

- This product is highly toxic to aquatic invertebrates.
- Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment washwater.



<b>DIRECTIONS FOR USE</b>	
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For best results, read and follow all label directions.	
<b>BEFORE YOU USE</b> Read and follow these directions when using.	<ul style="list-style-type: none"> <li>Do not apply the product near fish pools, ponds, streams or lakes.</li> <li>Do not use in vegetable gardens.</li> </ul>
<b>TO CONTROL</b>	<b>WHEN TO APPLY</b>
GRUBS	Apply once anytime from May through mid-August.
BILLBUGS AND ANNUAL BLUEGRASS WEEVILS	Apply once, when adults are present in large numbers (early to late spring)
EUROPEAN CRANE FLY LARVAE	Apply once, when these insects are present in large numbers (late summer to mid-fall)
MOLE CRICKETS	Apply once anytime from mid-May through mid-June. Florida residents: Apply once anytime between early April through early May.
For best results, apply this product before grubs, billbugs, annual bluegrass weevils, European crane flies, or mole crickets hatch. Contact your County Extension Agent for the ideal dates to apply in your area.	
<b>LAWNS</b>	<p><b>How Much:</b> See Spreader Settings</p> <p>Adjust spreader to the proper setting (see Spreader Settings). (ART)</p> <p>To be sure you cover the entire area uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules. (ART)</p> <p>Water thoroughly after applying. (ART)</p>
<b>FLOWER BEDS, GROUND COVERS, TREES &amp; SHRUBS</b>	<p><b>How Much:</b> 0.4 oz (X Tablespoons) per 10 sq ft of planting bed. 4 oz (X cups) per 100 sq ft of planting bed. (ART)</p> <p>Spread granules evenly to the soil over flower beds, ground cover plantings, shrub beds and under trees. Tip: A hand-held spreader makes this easy. (ART)</p> <p>Rake granules into the soil around plants. (ART)</p> <p>Water thoroughly after applying. (ART)</p>
<b>FOR BEST RESULTS</b>	<ul style="list-style-type: none"> <li>Apply early, before grubs, billbugs, annual bluegrass weevils, European crane flies, and mole crickets hatch.</li> <li>Water thoroughly within 24 hours after applying.</li> <li>Do not mow until the granules are watered into the soil.</li> <li>Avoid applying this product to waterlogged areas, as this may decrease the product's effectiveness.</li> <li>You may spread this product over soil or mulch. If present, remove weed barrier before applying.</li> </ul>
<b>SIGNS OF DAMAGE TO LAWNS</b>	
<b>GRUBS</b>	White grubs cause extensive damage to lawns by feeding on grass roots. Grass turns yellow, then brown, and dies. Grubs chew off roots so that the grass is easily pulled up in pieces with your hands. You can roll it back like a carpet to reveal the grubs. If patches of dead grass appeared in your lawn late last summer, check for grubs.
<b>BILLBUGS AND ANNUAL BLUEGRASS WEEVILS</b>	Grass turns yellow, then brown, and dies. Stems of damaged grass breaks off easily.
<b>EUROPEAN CRANE FLY LARVAE</b>	European crane fly larvae often cause damage by feeding on grass roots and disrupting the soil surface.
<b>MOLE CRICKETS</b>	Mole crickets often cause extensive damage by tunneling through lawns. Some species also feed on roots. Tunneling uproots the grass so it easily dries out. Lawns turn yellow, become thin, weedy, and can eventually die.
<b>HOW IT WORKS</b>	After this product granules are watered in, a protective zone is formed in the soil. If applied early, this product kills grubs, billbugs, annual bluegrass weevils, European crane flies, and mole crickets when they hatch...before they can cause damage. Also can suppress chinch bug and cutworm populations if applied when they are young.



